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AROMATIC POLYCARBONATE RESIN COMPOSITION

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Abstract

PURPOSE:To improve the strengths, stiffness, toughness, clarity, molded surface, and melt flowability of an arom. polycarbonate resin by compounding it with an intercalation compd. comprising a specific layered silicate as the host and a specific org. onium ion as the guest.

CONSTITUTION:An arom. polycarbonate resin compsn. contains an intercalation compd. comprising a layered silicate having a cation exchange capacity of 30 milliequivalent/100g or higher as the host and an org. onium ion having a polyethylene glycol chain as the guest in an amt. of the compd. of 0.1-10wt.% in terms of inorg. ash. Pref. the guest is a quaternary ammonium ion having a polyethylene glycol chain.

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